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CBDCOM Supports DoD Acquisition Reform Initiatives Through Its Chemical and Biological Defense Acquisition Initiative Forum (CBD AIF)

By Nancy R. Brletich, Deputy Director, CBIAC



In this era of declining defense budgets and downsizing of government agencies, an increasing need exists to reduce acquisition life cycle times and infrastructure costs. The U.S. Government is turning more and more to creating strategic partnerships with industry, leveraging the best available technologies, and using non-traditional procurement acquisition strategies. CBDCOM, as a reinvention command, is aggressively working towards revamping the way it conducts its procurements - "acquisition reform" - so that government/industry teams can provide better, less expensive, timelier support to the government.

MG George E. Friel, CBDCOM Commander, strongly supports DoD acquisition reform initiatives and has chartered a Chemical and Biological Defense Acquisition Initiative Forum (CBD AIF) to support such efforts. The objective of the CBD AIF is to provide a forum for industry and Government representatives to cooperatively review and discuss initiatives in acquisition reform with particular emphasis on CB defense programs. The forum is being assisted by the American Defense Preparedness Association (ADPA). To date, the CBD AIF has met on two occasions, November 7 and 8, 1996 in Washington D.C. and February 20, 1997 in Bel Air, MD. The next meeting is tentatively scheduled to take place in conjunction with the

Worldwide Chemical Conference in Fort McClellan, AL on June 24th.

The CBD AIF is comprised of four Government representatives (five permanent positions), two ADPA members (permanent positions) and nine senior industry executives (rotating positions). The Chairperson, Mr. Greg Frank, Battelle Memorial Institute, was appointed by CBDCOM's MG George E. Friel and the Vice President, Technical Services, ADPA, MG Paul L. Greenberg, USA (Ret.). The chairperson will be rotated every two years.

Currently, the CBD AIF consists of the following members:

Government

- Commanding General for CBDCOM, MG George E. Friel
- Deputy Program Manager for Business Management, Office of the PM for Chemical Demilitarization, COL Edward A. Fisher
- Deputy to the Commander, CBDCOM, Mr. Michael A. Parker
- Special Assistant to the Commander for Acquisition Reform, CBDCOM, Ms. Helen Morrison
- Principal Assistant Responsible for Contracting (PARC), CBDCOM, Ms. Helen Morrison

ADPA

- Vice President, Technical Services, MG Paul L. Greenberg, USA (Ret.)
- Chairman, Chemical Division, BG Peter D. Hidalgo, USA (Ret.)

Industry

- Chemical Demilitarization Support, Dr. Joseph Soukup, SAIC
- Detection, Alarms, Reconnaissance, Mr. John G. Petty, GDLS
- Protective Equipment, Mr. Homer D. Reihm, ILC Dover

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THOUGHTS FROM THE PENTAGON



Dr. Ted Procv, Deputy Assistant to the Secretary of Defense (ChemBio Elimination)

This is the seventh of our quarterly updates designed to keep the Chemical and Biological Defense (CBD) community up to date with activities of interest in the Pentagon. This article addresses our progress in safely destroying the Chemical Weapons Stockpile.

Assembled Chemical Weapons Assessment Program

The destruction of the entire U.S. chemical weapons stockpile is a universally accepted goal which all segments of our society enthusiastically support. The method by which the Army plans to demilitarize chemical weapons continues to be a highly contested national issue. The technological methods employed by the Army have ranged from chemical neutralization to hybrid (chemical neutralization and thermal treatment) to thermal treatment (incineration). Thermal treatment, using an incineration process, evolved as the technology of choice and has been endorsed by the National Academy of Sciences as the safest and most efficient means of destruction in consideration of overall program constraints. Even with this history

and endorsement by an independent renowned scientific organization, the safety of incineration is continually questioned by various segments of our communities and society.

Recently, the Army has moved forward with an alternative to incineration at two stockpile sites that store only a single chemical agent in one ton containers. These two sites are Aberdeen Proving Ground, Maryland, and Newport Army Depot, Indiana. The remaining six sites all store assembled chemical munitions which are programmed for destruction utilizing the baseline incineration process. The new Assembled Chemical Weapons Assessment Program (ACWAP) was directed by Public Law 104 - 208, the National Defense Appropriations Act for Fiscal Year 1997. The law funds \$40 million for research solutions to destroy chemical weapons with an alternative technology, other than the current incineration process. In addition, the legislation suspends funding for construction of incineration plants at the Blue Grass Army Depot in Kentucky and the Pueblo Army Depot in Colorado, until 180 days after a final report is submitted to Congress. This report will detail potential alternative technologies which could be implemented. The final report will be delivered to Congress by December 15, 1998. Additionally, the legislation requires the Department of Defense to select a program manager who has not been involved with the ongoing chemical demilitarization program. The Under Secretary of Defense for Acquisition and Technology, Dr. Paul Kaminski, has recently designated Mr. Michael A. Parker, Deputy to the Commander, Chemical and Biological Defense Command, to serve as Program Manager. Mr. Bill Pehlivanian, recently selected as the Deputy Program Manager, will be assisting Mr. Parker. Mr. Pehlivanian will be responsible for the efforts of four specific teams focused on different requirements within the program. The teams will address Contracting/Budget, Technical, Environmental, and Public Affairs issues associated with the demonstration of alternative destruction technologies. The Program Management office is located in the Edgewood Area of Aberdeen Proving Ground, Maryland.

Execution of the program involves a three phased approach. First, criteria by which prospective technologies will be assessed must be established. Technical criteria will encompass destruction of chemical agents, explosive materials, and metal parts. The technical criteria currently being developed by the Program Manager's Office will be merged with criteria being developed by stakeholders from the various stockpile sites. During the second phase, an assessment of all technologies against the established criteria will be conducted. Within the assessment phase, stakeholders will be involved to assist in determining the best technologies to be piloted. Lastly, after selecting at least two technologies, the pilot demonstration phase will be initiated.

Identification and involvement of stakeholders from all storage sites is key to the overall success of the program. Stakeholder involvement efforts have begun at both the Kentucky and Colorado sites. Efforts will continue at other sites in order to encourage involvement from a broad spectrum of individual and group stakeholders. Stakeholders include residents who live near the stockpile sites; local, state and federal regulators; elected officials; advocacy groups; depot employees; concerned citizens and Army officials. The Keystone Center, a not for profit facilitation organization is assisting the program manager to gather insight and assist in promoting involvement from stakeholders. Ensuring this program meets the needs of the worker, community members, environmental permit writers, and health and safety experts is the only way agreement can be reached on potential solutions which will make this new program successful.

The ultimate success of this new program relies upon the Program Manager, Industry and Stakeholders working together to demonstrate viable and mature technologies for the destruction of assembled Chemical Weapons. Continued stakeholder involvement throughout the three phases of the program will be key to building upon

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MEETING HIGHLIGHTS

U.S. Army and Maryland Citizens' Advisory Commission Update the Public On the Stockpile Disposal Program at Aberdeen Proving Ground, MD.



The U.S. Army, together with the Maryland Citizen's Advisory Commission, held public availability sessions on February 27, 1997, in Chestertown, MD and on March 6, 1997, in Edgewood, MD, to provide citizens with a program update and to ask for comments on the latest developments in disposal plans for the mustard agent stockpile stored at the Edgewood Area of Aberdeen Proving Ground (APG), Maryland.

The Program Manager for Chemical Demilitarization, the Army organization charged with responsibility for destroying the nation's obsolete chemical weapons and bulk chemical stockpiles, is moving forward with plans to pilot test an alternative technology to incineration, known as "neutralization followed by biodegradation", that shows promise for safely eliminating the stockpile of mustard agent currently stored in steel containers at APG.

LTC Steven M. Landry, the Product Manager for Alternative Technologies and Approaches since the program's inception in 1994, provided opening remarks at the meetings. The public was invited to learn more about the day-to-day operations of stockpile storage and emergency preparedness, and comment on the proposed site and facility operations for the neutralization system. Posters presenting various aspects of the program helped illustrate the Army's plans. The public comments will be submitted as part of the Resource Conservation and Recovery Act permit application which is scheduled to be submitted to the Maryland Department of the Environment in May 1997.

Public involvement will continue throughout the environmental permitting process for the facility. In addition, the Chemical Stockpile Outreach Office will be opening its doors in Edgewood's Woodbridge Center plaza in early Spring, allowing the public easy access to information on the stockpile and other APG programs.

LTC Landry also reminded the community that local libraries hold technical information on the disposal program for those who want more in-depth information.

DoD Chemical and Biological Mission Area Advance Planning Briefing for Industry

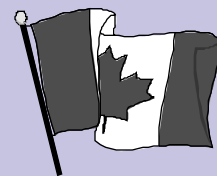
The U.S. Army Chemical and Biological Defense Command (CBDCOM) hosted the DoD Chemical and Biological Mission Area Advance Planning Briefing For Industry (APBI), March 25-26, 1997, at the Johns Hopkins University Applied Physics Laboratory in Laurel, MD. As a result of The National Defense Authorization Act of 1994, which established provisions to consolidate all of the chemical and biological (CB) programs under a single DoD budget line with the Army serving as the executive agent, this APBI was hosted by CBDCOM, but encompassed CB programs from all the services. Management, marketing and technical representatives from industry were provided acquisition requirements and specific contracting opportunities over the next five years for a number of areas of CB defense and chemical demilitarization. Briefings were grouped into four major categories: Production Opportunities, Contamination Avoidance, Demilitarization/Disposal, and Protection. For the first time, briefings on the Medical CB program and on the Department of Energy's CB program were included.

MG George Friel, Commander, CBDCOM, presented the CB Mission Area Overview. Dr. Theodore Prociv, Deputy to the Assistant Secretary of Defense (Chemical/Biological Matters) gave the keynote address. Approximately 330 industry representatives attended the APBI. All the original booklets containing copies of the presentations were distributed at the APBI. The presentations that were not included in the first publication are being posted on the Edgewood Enterprise home page at <http://www.cbdcom.apgea.army.mil/RDA/>. Because some briefings were updated right before the meeting, and others were not included in the first publication, a complete, up-to-date version of the presentations from the APBI is being reprinted as the "APBI Book" which will be used throughout the year to familiarize prospective contractors with the CB Defense program. For further information, contact Mr. Ronald P. Hinkle, Technical Industrial Liaison, DSN 584-2031, commercial (410) 671-2032, or email rphinkle@apgea.army.mil.

Canada Fields a New Skin Decontaminant

By W. Stewart Myles

A new skin decontaminant, known as the Reactive Skin Decontaminant Lotion (RSDL),



will enter service with the Canadian Forces this Spring. It will replace the Fuller's earth mitt for skin decontamination and small items of personal equipment. The active ingredient in RSDL, potassium 2,3-butanedione monooximate, neutralizes CW agents on contact, eliminating the requirement to remove all of the decontaminant before donning the mask and other protective gear. Neutralization is aided by the carrier medium (90% MPEG 550 and 10% water) which solubilizes the agent to bring it into contact with the active ingredient. The RSDL will be issued impregnated on a foam sponge sealed in a foil pouch, two per soldier. A training lotion, consisting of unreactive components, will also be available. Bottles of RSDL will be supplied to medical personnel for decontamination of wounds, etc. The Canadian licensee for RSDL is actively marketing the product internationally and an evaluation is underway at the Prins Maurits Laboratory in Holland. Inquiries should be directed to the licensee, O'Dell Engineering Ltd, Cambridge, Ontario (519-740-8620) or to the project scientist, Dr. Garfield Purdon, Defence Research Establishment Suffield (403-544-4106).



Dr. Myles served as the Director at the Defence Research Establishment Suffield (DRES) responsible for the R&D program in Chemical and Biological defence until his retirement in August, 1996. He is currently a consultant in the area of Chemical and Biological defense. His E-mail address is myles@telusplanet.net

CB NEWS EXCERPTS

In order for the CBIAC to inform its readers of recent Chemical/Biological Defense activity throughout the United States and around the world, we have compiled a list of related CB news articles and have taken excerpts from them to create brief overviews. Please note that the CBIAC does not provide secondary distribution of articles. We can, however, provide direction on where to find an article of interest.

Drewen, Karen Jolley. Destruction of Munitions, APG News, 1997 April 16. Post officials at Aberdeen Proving Ground reported the successful destruction of fourteen chemical munitions. Seven of the munitions were filled with the nerve agent tabun, two with the blister agent mustard, and five with the choking agent phosgene. Throughout the process there was no threat to the soldiers performing the detonation, or to the community. No dates have been scheduled for the destruction of 112 non-chemical munitions.

Gillert, Douglas J. Gulf War Illnesses Web Site Made User Friendly, APG News, 1997 April 16. To provide an avenue for better communications with Gulf War veterans and the public, improvements were made to GulfLINK, <http://www.dtic.mil/gulflink/>, DoD Internet homepage on Gulf War illnesses. Along with useful and informative articles, it is possible for users of the web site to direct questions, information, criticism, and comments directly to Bernard Rostker, DoD special assistant for Gulf War Illnesses.

Atkinson, Peter; Wittman, Amy. Altus Biologics Wins Grant For Agent Neutralizer, The Defense News, 27 January 1997. Altus Biologics, Inc., Cambridge, MA, was awarded a \$500,000 grant by the U.S. Department of Defense for the development of high-performance catalysts to neutralize nerve agents. Under the grant, optimized methods for making quantities of the organophosphorus hydrolase (OPH) enzyme will be developed as well as transforming the enzyme into a stable form. The OPH substance can chemically

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Chemical Weapons Convention Approved by U.S. Senate



On April 24, 1997, the U.S. Senate approved the Chemical Weapons Convention (CWC) by a vote of 74 to 26. With 29 Republicans and all 45 Democrats voting in favor of the treaty, it received seven votes more than the two-thirds majority required to ratify. In response to the successful ratification of the CWC, President Clinton was quoted to say, "This vote is vivid proof that we are stronger as a nation when we work together." Ratification of the treaty is viewed as a major victory for the Democrats. However, it would not have happened without concessions from both parties. Helen Dewar reports the details of the negotiations in her article, Senate Approves Chemical Arms Pact After Clinton Pledge appearing in the April 25, 1997 issue of the Washington Post¹. Five provisions, demanded by Foreign Relations Committee Chairman Jesse Helms (R-N.C.) and others opposing the treaty as written, were labeled as treaty "killers" and were rejected in preliminary votes addressing each of the provisions.

Senate Majority Leader Trent Lott (R-Miss.), Ms. Dewar reports, endorsed the treaty mid-afternoon on April 24th. His position was seen as the influencing factor for more than a dozen Republican votes. Lott voted in favor of the treaty as a result of a letter from President Clinton pledging that, after consultations with Congress, he would be prepared to withdraw from the treaty if the transfer of defensive equipment to another country could significantly degrade U.S. defensive capabilities, if technology and chemical exchange requirements are

used to erode international export controls, or if these requirements are carried out in ways that jeopardize U.S. security by contributing to arms proliferation. Helms, however, remained opposed to the treaty to the end, still referring to it as a "dangerous" document.

In a second article appearing in the Washington Post on April 25, 1997, Bipartisanship, but at a Price², Thomas W. Lippman and Peter Baker reported on the foreign policy concessions made by President Clinton in exchange for the GOP support of the CWC. It was explained in this article that the Clinton administration gave the Republicans concessions on a number of other national security issues. In effect, Helms has been assured that by letting the chemical weapons treaty out of his committee, he will get the reorganization of the U.S. government's foreign policy agencies and a strong voice in the decision process to repay back dues to the United Nations. In citing another example of the concessions made, it was noted that President Clinton has agreed to submit for Senate ratification modifications to two treaties that had previously been viewed as not requiring Senate approval.

Lippman and Baker quoted David Johnson, White House spokesman, as saying, "We're proving here that we can do business and that we can move forward and that we can construct a foreign policy which commands bipartisan support. And we're doing it across the board."

For further information, these articles can be found at the following websites:

¹ <http://search.washingtonpost.com/wp-srv/WPlate/1997-04/25/075L-042597-idx.html>

² <http://search.washingtonpost.com/wp-srv/WPlate/1997-04/25/074L-042597-idx.html>

ONGOING AND RECENT ACTIVITIES

Current Awareness

- Barbara Hoffman attended the National Security Institute's 12th Annual National Security Summit, Impact '97: Information Security Trends for the 21st Century April 21-23, 1997 in Reston, VA.
- Jeanne Rosser will be attending the Defense Special Weapons Agency's (DSWA) 6th Annual International Conference on Controlling Arms, June 2-5, 1997 in Norfolk, VA. The CBIAC is planning to present a display highlighting Technical Area Tasks supporting Arms Control programs.
- The CBIAC will attend and display at the Worldwide Chemical Conference (WWCC) XV, June 25-27, 1997 at Fort McClellan, AL.

Inquiry and Referral Services

- Last quarter, the CBIAC received 204 inquiries. Eleven percent of the requestors sought information on Warning and Identification while another 10% were seeking information on NBC Survivability.

Products

- The CBIAC has a new look to its homepage. Check out the new format and features at <http://www.cbiac.apgea.army.mil/>

Technical Area Tasks (TATs):

Since the last newsletter, eight new tasks were awarded, effort was added to twenty ongoing tasks and six tasks have been completed. As of 30 March, 1997, 114 TATs have been awarded and work has been added to 141 tasks. Total value of TATs awarded is over 41.3 million dollars.

For further information on a CBIAC TAT, contact Judy Shetterly, CBIAC Administrator. In order for us to help you most efficiently, please furnish the Government Contract Number you are working on (if any), the reason(s) you want

the information, and your company address and phone number. We need this information in order to obtain release of information from the TAT sponsor.

Completed:

Task	Description/Sponsor
23	Conduct a Systems Engineering Evaluation of the Lightweight Standoff Chemical Agent Detector (LSCAD) Application to UAVs, Ships, and Armored Vehicles USA/ERDEC
91	Analyze Potential Lethality of Navy Solid Reactive Materials Against Biological and Chemical Agents. USN/NSWC
152	Conduct a Literature Search and Market Survey to Identify Filtration Media for Respirator Filters USA/ERDEC
170	Develop an Instructional Publication and Videotape to Provide Training in the Use of Protective Eyewear. USA/NRDEC
221	Analyze Inert Surfaces for Possible Microbiological Contamination USA/TECH ESCORT

Underway:

Task	Description/Sponsor
197	Develop and Assess Effectiveness of Permeable Protective Material Containing a BW Agent Destruction Material. USN/NAWC

209	Develop a Database Containing Information on the Filtration Performance of NBC Filters USA/ERDEC
212	Provide Technical Support for the CBD Joint Services Materiel Group (JSMG). USA/CBDCOM
216	Identify Previous and On-Going Efforts Regarding Advanced Filter Media Development for HEPA Filters USA/ERDEC
218	Develop a Draft Concept of Operations for Medical Management of BW Casualties USAF/XR
230	Determine the Reliability of the M28 Liner System and Identify Improvements USA/ERDEC
239	Sample and Analyze Government Test Vehicle Surfaces and Components for Possible CB Agents. USA/TECOM

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CALENDAR OF EVENTS

The CBIAC highlights conferences, symposia, meetings, exhibitions and workshops of interest to the CB community in every issue of our newsletter. We invite CBIAC users to submit information on various events to the CBIAC, Attention: Mary Jo Waters or via Internet: watersm@battelle.org. Due to space limitations, the CBIAC will accept submissions on a first-come, first-served basis and reserves the right to reject submissions.

Date/Name/Location	Contact(s)	Date/Name/Location	Contact(s)
1997 MEETINGS			
May 14-16 Toxicology in Risk Assessment Symposium Lister Hill Auditorium National Library of Medicine Bethesda, MD	Booz-Allen & Hamilton, Inc. Attn: Dr. Max Klein 2107 Laurel Bush Road Suite 205 Bel Air, MD 21015 Tel: (410) 569-1050 Fax: (410) 569-0961	June 9-12, 1997 Security Technology Virginia Beach, VA	ADPA/NSIA Attn: Fred Raines 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 522-1820 Fax: (703) 522-1885 E-Mail: fraines@adpa.org
May 19-20 Electronic Warfare London, UK	Shepard Conferences 111 High Street Burnham, Bucks SL1 7JZ UNITED KINGDOM Tel: 44 628 604764 Fax: 44 628 664075	June 9-13 Productive Reuse of Former Military Sites: Environmental and Economic Aspects of Demilitarization: The 4 th International Technical-Practical Conference on Demilitarization Belarus Academy of Science Minsk, Republic of Belarus	Arthur D. Little, Inc. Attn: Janet Smith Acorn Park Cambridge, MA 02140 Tel: (617) 498-5477 Fax: (617) 498-7019 E-Mail: Smith.janet@ADLittle.com
May 22-23 The 6 th Annual Defense Modeling and Simulation Offices (DMSO) Industry Days (Formerly "State of Modeling and Simulation Briefing to Government and Industry") Radisson Plaza Hotel Alexandria, VA	Co-sponsored by DMSO and The National Training Systems Association (NTSA) Attn: Ms. Barbara McDaniel (NTSA) 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 247-2569 Fax: (703) 243-1659 E-Mail: bmcDaniel@adpa.org	June 10-12 Symposium on NBC Defence '97 Hotel Rantasii Sveitsi Hyvinkaa, Finland	Defense Forces Research Center (DFRC) Attn: Prof. Erkki P.O. Box 5 FIN-34111 LAKIALA Finland Tel: 358 3 284 3211 Fax: 358 3 284 3333 URL: http://www.pvtk.mil.fi (click on Ajankohtaista)
May 26-30 Mini-Chemical and Biological Medical Treatment Symposium (CB MTS PMMA-I) Hradec Kralove, Czech Republic	ASA P.O. Box 17533 Portland, ME 04112-8533 Tel: (207) 829-6376 Fax: (207) 829-3040 E-Mail: 75222.637@compuserve.com or asa@ime.net	June 10-12 65 th Military Operations Research Society Symposium Marine Corps Combat Development Command Quantico, VA	Military Operations Research Society (MORS) 101 S. Whiting Street, Ste. 202 Alexandria, VA 22304 Tel: (703) 751-7290 Fax: (703) 751-8171 URL: http://www.msosa.mil/inter.net/mors/65th.htm
May 29 - Jun 1 International Hazardous Materials Response Teams Conference Sheraton Baltimore North Hotel Towson, MD	International Association of Fire Chiefs Attn: Alice Pottmeyer 4025 Fair Ridge Drive Fairfax, VA 22033 Tel: (703) 273-9815, #340 Fax: (703) 273-9363 E-Mail: IAFCFRIHQ@connectinc.com URL: http://www.ICHIEFS.org	June 11-12 Post-Engagement Ground Effects Model (PEGEM) Workshop MEVATEC Corp. Huntsville, AL	MEVATEC Corporation 1525 Perimeter Parkway, Ste. 500 Huntsville, AL 35806-3575 Tel: (205) 890-8071 Fax: (205) 890-0000 E-Mail: Bill_Moore@mevatec.com
June 2-5 Defense Special Weapons Agency's (DSWA) 6th Annual International Conference on Controlling Arm Waterside Marriott Hotel and Conference Center Norfolk, VA	Center for Verification Research Attn: Richard Soll or Christopher Parent 8500 Cinder Bed Road P.O. Box 8500 Newington, VA 22122-8500 Tel: (703) 541-3581 Tel: (703) 550-0430 Fax: (703) 550-1986	June 12-13 Unmanned Vehicles Paris, France	Shepard Conferences 111 High Street Burnham, Bucks SL1 7JZ UNITED KINGDOM Tel: 44 (0) 1628 604764 Fax: 44 (0) 1628 664075
June 4-6, 1997 AUSA Spring Symposium and and Exhibition (C4I) Los Angeles, CA	AUSA Attn: Diane Fitzgerald 2425 Wilson Blvd. Arlington, VA 22201 Tel: (703) 841-4300, ext 664 Fax: (703) 243-3589 E-Mail: dfitzgerald@ausahq.org URL: http://www.ausa.org/meetings/calendar.html	Jun 15-20 Mycotoxins and Phytotoxins New England College Henniker, NH	Gordon Research Center University of Rhode Island P.O. Box 984 West Kingston, RI 02892-0984 Tel: (401) 783-0411 Fax: (401) 783-7644 E-Mail: GRC@GRCmail.GRC. URI.EDU URL: http://www.grc.uri.edu

Date/Name/Location	Contact(s)	Date/Name/Location	Contact(s)
Jun 15-20 Viruses and Cells Tilton School Tilton, NH	Gordon Research Center University of Rhode Island P.O. Box 984 West Kingston, RI 02892-0984 Tel: (401) 783-0411 Fax: (401) 783-7644 E-Mail: GRC@GRCmail.GRC. URI.EDU URL: http://www.grc.uri.edu	Oct 13-15 Association of the United States Army (AUSA) Annual Meeting and Exhibition Washington, DC	AUSA Attn: Diane Fitzgerald 2425 Wilson Blvd. Arlington, VA 22201 Tel: (703) 841-4300, #664 Fax: (703) 243-2589
June 23-27, 1997 1997 Scientific Conference on Obscuration and Aerosol Research Edgewood Area Conference Center Aberdeen Proving Ground, MD	Battelle Edgewood Operations Attn: Amy Skarzenski 2012 Tollgate Road, Suite 206 Bel Air, MD 21015 Tel: (410) 569-0200 Fax: (410) 569-0588 E-Mail: skarzena@battelle.org	October 21-23 INFOTECH '97 Conference and Exhibition Dayton Convention Center Dayton, OH	J. Spargo and Associates 4400 Fair Lakes Court Fairfax, VA 22033 Tel: (703) 631-6200 Fax: (703) 818-9177
June 25-26 Worldwide Chemical Conference (XV) and NBC Operations Symposium Ft. McClellan, AL	ADPA/NSIA 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 522-1820 Fax: (703) 522-1885	Nov 3-6 DTIC Annual Users Meeting & Training Conference Double Tree Hotel Arlington, VA	Defense Technical Information Center (DTIC) Attn: Julia Foscue 8725 Kingman Road, Suite 0944 Fort Belvoir, VA 22060-6218 Tel: (703) 767-8236 E-Mail: jfoscue@dtic.mil URL: http://www.dtic.mil
August 4-7 Joint Service Pollution Prevention Henry B. Gonzalez Conv. Ctr. San Antonio, TX	ADPA/NSIA 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 522-1820 Fax: (703) 522-1885	Nov 18-21 Scientific Conference on Chemical and Biological Defense Research CBDCOM Conference Center Aberdeen Proving Ground, MD	U.S. Army ERDEC Attn: Dottie Berg APG, MD 21010-5423 Tel: (410) 671-4883/4144 DSN: 584-4883/4144 Fax: (410) 671-2649
Aug 24-27 2 nd International Workshop on CB Detection Ystad Saltsjobad Hotel Ystad, Sweden	FOA NBC Defense Attn: Goran Olofsson or Gerd Karlsson S-901 82 UMEA SWEDEN Tel: 46 90 106 638 (G.O.) or 46 90 106 727 (G.K.) Fax: 46 90 106 803 E-Mail: olofsson@ume.foa.se or gkarlsson@ume.foa.se	1998 Meetings	
Aug 24-27 Annual NEMA Conference Boston, MA	National Emergency Mangement Assoc. (NEMA) P.O. Box 11910 Lexington, KY 40578 Tel: (606) 244-8000 Fax: (606) 244-8239 URL: http://www.csg.org/nemaweb/events.htm	May 10-15 The Sixth International Symposium on Protection Against Chemical and Biological Warfare Agents Stockholm City Conference Center Stockholm, Sweden	CBW Protection FOA NBC Defense S-901 82 UMEA SWEDEN For Registration: Tel: 46 90 106 602 E-Mail: molofsson@ume.foa.se For Scientific Program: Tel: 46 90 106 773 Fax: 46 90 106 801 E-Mail: persson@ume.foa.se URL: http://www.opcw.nl/cbsymp/
September 10-11 U.S. Naval Inst. Naval Warfare Exposition and Symposium Virginia Beach Convention Ctr. Virginia Beach, VA	J. Spargo and Associates 4400 Fair Lakes Court Fairfax, VA 22033 Tel: (703) 631-6200 Fax: (703) 818-9177	Jun 2-6 EUROSATORY Paris - Le Bourget France	COGES 64 rue de Ranelagh 75016 Paris FRANCE Tel: 33 (0) 1 44 14 58 10 Fax: 33 (0) 1 42 30 70 88 E-Mail: coges@salon-eurosatory.fr U.S. POC: International Trade Exhibitions in France (ITEF) 2300 Clarendon Blvd, Suite 310 Arlington, VA 22201 Tel: (703) 522-5000 Fax: (703) 522-5005 URL: http://www.salon-eurosatory.fr/anglais/welcome.html
September 15-17 Combat Vehicles Fort Knox, KY	ADPA/NSIA 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 522-1820 Fax: (703) 522-1885	Jun TBD 21 st Army Science Conference Norfolk Convention Center Norfolk, VA	Dept. of the Army Attn: SARD-TR/ Catherine Kominos 103 Army Pentagon Washington, DC 20310 Tel: (703) 697-3558 Fax: (703) 695-3600
September 15-18 Pollution Prevention Fair Aberdeen Proving Ground, MD	ADPA/NSIA 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 522-1820 Fax: (703) 522-1885		
October 7-9 Combat Survivability Annual Symposium Washington, DC	ADPA/NSIA 2101 Wilson Blvd., Suite 400 Arlington, VA 22201-3061 Tel: (703) 522-1820 Fax: (703) 522-1885		

CONTRACT AWARDS

1. Decontaminating Agent, STB.
Los Angeles Chemical Co.
4545 Ardine St.
P.O. Box 1987
South Gate, CA
\$46,724.50. March 20, 1997
By Defense General Supply Center
2. M40A1/M42A2 Chemical-Biological Protective Mask.
ILC Dover, Inc.
One Moonwalker Rd.
Frederica, DE 19946-2080
\$8,092,766. February 26, 1997
By U.S. Army Armament and Chemical Acquisition and Logistics Activity
3. M295 Decontamination Kit.
Truetech, Inc.
680 Elton Avenue
Riverhead, NY 11901-2585
\$1,482,298. February 20, 1997
By U.S. Army Armament and Chemical Acquisition and Logistics Activity
4. Chemical Analytical Services For Low Concentration Organics.
Envirosystems, Inc.
9200 Rumsey Rd., Ste. B102
Columbia, MD 21045-1934
\$2,126,619. January 27, 1997
By U.S. Environmental Protection Agency
5. Development of Decontamination Compounds for Therapeutic Use on Chemical Threat Agent Wounds.
HBR Technologies
P.O. Box 399
Hodge, LA 71247
\$99,800. January 15, 1997
By U.S. Army Medical Research Acquisition Activity
6. Physical/Chemical Research, Treatment and Control Technology Services.
Battelle Memorial Institute
505 King Avenue
Columbus, OH 43201-2693
\$7,631,586. January 6, 1997
By Environmental Protection Agency
7. Smart Weapons Master Planning Support Services For The AMC Smart Weapons Management Office.
Dynetics Incorporated
1000 Explorer Boulevard
P.O. Drawer B
Huntsville, AL 35806-2806
\$50,000. March 26, 1997
By U.S. Army Missile Command
8. Chemical Biological Radiological Respirators.
Cam Lock (UK) Ltd.
Unit 10
Springlakes Industrial Estate
Aldershot
Hants, England
\$548,909. March 17, 1997
By Naval Air Systems Command
9. M256A1 Chemical Agent Detector Kit.
Truetech, Inc.
680 Elton St.
Riverhead, NY 11901-2585
\$815,968. March 28, 1997
By U.S. Army Armament and Chemical Acquisition and Logistics Activity
10. ERDEC Research & Technology Dir., Task Order Contract-Functional Area 2.
 - a. Battelle Columbus Operations
505 King Avenue
Columbus, OH 43201-2693
 - b. GeoCenters, Inc.
7 Wells Ave.
Newton Centre, MA 02159
 - c. Guild Associates, Inc.
4089 North Leap Road
Hilliard, OH 43026
 Undisclosed Amount. March 24, 1997
By U.S. Army Chemical and Biological Defense Command
11. Respirator Equipment.
Racal Health and Safety Inc.
7305 Executive Way
Frederick, MD 21701
\$26,430. January 1, 1997
By Defense General Supply Center
12. Pathogen Countermeasures.
Ellora Software Inc.
7 Bean Street, Bldg. 2602
Devens, MA 01433
\$21,392,478. January 10, 1997
By NCCOSC
13. Hoses for M43A1 Chemical Biological Mask Rework.
R.E. Darling Co. Inc.
3749 North Romero Road
Tucson, AZ 85705
\$216,348. January 13, 1997
By U.S. Army Chemical & Biological Defense Command
14. Breathing Apparatus.
Off-Shore Diving Inc.
2613 Lavelle Rd.
P.O. Box 310589
Flint, MI 48531
\$38,220. January 17, 1997
By Defense General Supply Center
15. M95 GPFU.
Hunter Manufacturing Company
30525 Aurora Road
Solon, OH 44139
\$855,600. January 22, 1997
By U.S. Army Armament and Chemical Acquisition and Logistics Activity
16. Breathing Apparatus.
Mine Safety Appliance Company
Defense Products Dept.
Murrysville, PA 15668
\$532,243. February 1, 1997
By NICP
17. Joint Biological Point Detection System - Labor, Material, Services Contract.
Lockheed Martin Librascope
Glendale, CA 91209
\$2,600,000. January 1997
By U.S. Army Chemical & Biological Defense Command
18. Umatilla Chemical Agent Disposal Facility.
Raytheon Demilitarization Company
30 S. 17th Street
Philadelphia, PA 19101
\$567,000,000. February 10, 1997
By The Program Manager For Chemical Demilitarization

“CBDCOM Supports DoD Acquisition Reform Initiatives Through Its Chemical and Biological Defense Acquisition Initiative Forum (CBD AIF)”

Continued from Page 1

- Smoke Equipment,
COL Samuel L. Eure, USA (Ret.)
- Surety Laboratories,
Mr. Thomas A. McMahon,
Calspan SRL Corp.
- Management and Operations Industry,
Dr. Richard A. Nathan,
Mason & Hanger Corp.
- Engineering and Manufacturing
Development, Mr. Sibley L. Ward, III,
Lockheed Martin Federal Systems
- Professional Services,
Mr. Gregory L. Frank,
Battelle Memorial Institute
- Small Business and Non-Stockpile
Chemical Demilitarization,
Ms. Ann Blakely, Earth Resources
Corp.

It is important to note that industry members represent a business sector of the CB area, they are not representing their companies. Moreover, industry members will be rotated every two years with approximately half of the members being rotated each year. Every effort will be made to replace the existing industry member for a particular business sector with a representative from a different company.

Topics of discussion at future CBD AIFs will include: Potential for Commercial Item Component Acquisition; Potential for Use of Commercial Procedures; Resolving Performance Specification Problems; Draft RFPs; Improving the APBI Process; Streamlining Solicitations; Use of Initial Production Options; Improving the Unsolicited Proposal Process; Acquisition Policies Impact on the Preservation of the Industrial Base and Expanded Use of

Commercial Practices.

For additional information on CBDCOM's Acquisition Reform Initiatives, contact Ms. Helen E. Morrison at (410) 671-2554 or hemorris@cbdcom.apgea.army.mil or refer to the CBDCOM Acquisition Reform Homepage located at: <http://www.cbdcom.apgea.army.mil/Staff/parc/arindex.html>.

Additional websites pertaining to acquisition reform include:

- DoD Commercial Advocates Forum
Links to Related Sites
http://relm.lmi.org/comm_adv/links.htm
- Acquisition Reform Network (ARNET)
<http://www-far.npr.gov/>
- Mandate for Change: Defining the Purpose and Mission of Acquisition Reform
<http://www.dtic.dla.mil/c3i/bprcd/6026.html>
- The Administrative Agenda for Acquisition Reform
<http://www.dtic.dla.mil/c3i/bprcd/6001.html>
- Deputy Under Secretary of Defense (Acquisition Reform)
<http://www.acq.osd.mil/ar>
- The Acquisition Reform Communications Center
<http://www.acq.osd.mil/dau/arcc/index.html>
- SAS Acquisition Reform Virtual Classroom
<http://140.140.45.239/arvc/arvchome.htm>
- Navy Acquisition Web Site
<http://www.acq.osd.mil/ar/#sites>
- Air Force Acquisition Reform Initiative Lightning Bolt #1
<http://www.crfpst.wpafb.af.mil/>

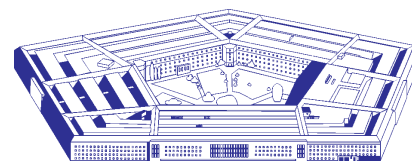
Acquisition Reform Day

Dr. Paul Kaminski, Under Secretary of Defense (Acquisition and Technology) formally declared March 19, 1997 Acquisition Reform Day 2. As a result, several acquisition reform events took place nationwide including one hosted by the Defense Supply Center Columbus (DSCC) in Columbus, Ohio. This event afforded commanders and managers the opportunity to educate their personnel on important acquisition reform changes and allowed for open discussions between personnel, trade groups and industry representatives concerning these changes. Due to CBDCOM's dedication to the continuous improvement of the acquisition process as it relates to all those in the acquisition life cycle, they too hosted Acquisition Reform Day events including a series of seminars designed to educate both industry and Government on acquisition reform initiatives. The theme for CBDCOM's Acquisition Reform Day was "Teaming - the Catalyst for Making Acquisition Reform Initiatives the Norm".

"Thoughts from the Pentagon"

Continued from Page 2

the recent success experienced at the two bulk chemical agent sites in Maryland and Indiana. The goal of the program is to close the existing gap between various segments of our society, concerning the best and safest technological method to destroy the nation's stockpile of chemical weapons.



SELECTED INQUIRY RESPONSES

This section of the newsletter contains recent inquiries and responses on subjects we feel are of interest to our users. The information presented has been edited to conserve space. If you would like further detail, please contact Steven Jones at the CBIAC and provide the reference number if available.

Q. What are some sources for Material Safety Data Sheets (MSDS) on the World Wide Web (WWW)?

A. An ideal starting point is the CBIAC's home page (<http://www.cbiac.apgea.army.mil>). Once there look under the Internet Directory and then Chemical and Physical Properties for the following areas:

- Vermont Safety Information Resources on the Internet (SIRI)
- ERDEC Safety Office; Office of Pollution Prevention Toxics (OPPT) Fact Sheets
- Mitretek Systems' Review of CWA Chemistry
- UCHC Chemical Safety Data
- EmergencyNet - Hazardous Materials Page
- OSHA Chemical Sampling Information

These will provide MSDS information or links to MSDS sites.

The CBIAC's Sources of Chemical and Physical Properties Data for Militarily Significant Compounds provides an extensive listing of Internet web addresses for sites that have MSDS available online. Samples of these sites are listed below:

- U.S. Department of Commerce: <http://research.nwfsc.noaa.gov/msds.html>
- EPA Chemical Substance Factsheets- University of Virginia: [gopher://ecosys.drdr.Virginia.edu/11/library/gen/toxics](http://ecosys.drdr.Virginia.edu/11/library/gen/toxics)
- MSDS and EPA Data Sheets for Pyrotechnic Chemicals: <http://www.wco.com/~jray/pyro/safety/msds>
- Hazardous Chemical Database: <http://odin.chemistry.uakron.edu/cgi-bin/>

"CB News Excerpts"

Continued from Page 4

neutralize organophosphorus nerve agents. The U.S. Army will evaluate the ability of the stabilized enzyme to convert nerve agents into benign substances for disposal. If feasible, this program would assist the Army in the program to clean up chemical weapon stockpiles.

Powell, Michael and Lengel, Allan. Chemical Alert Traps Workers in Building, <http://search.washingtonpost.com/wp-srv/WPlate/1997-04/25/178L-042597-idx.html>, 25 April 1997. A leaking package containing a red, gelatin-like substance and an accompanying note found in the B'nai B'rith mail room caused Washington D. C. police and firefighters to shut down a two-block area around Scott Circle for more than eight hours. Inside the 8-by-10-inch Manila envelope was a shattered petri dish covered with plastic bubble wrap and labeled with a word that is a variation of "anthrax". Federal authorities determined that the package did not contain any substance that would pose a health threat. However, an FBI official stated that the agency was investigating the incident as a "terrorist matter."

Bacon, Kenneth H. DoD News Briefing from the Office of the Assistant Secretary of Defense (Public Affairs). DefenseLINK News, http://www.dtic.mil:80/defense/defense/News/Mar97/t032797_tas327.html, 27 March 1997. In a news briefing/question and answer period hosted by Mr. Kenneth Bacon, Office of the Assistant Secretary of Defense (ASD)-Public Affairs (PA), Mr. Bacon was asked, "Can you bring us up to date on the transportation of what are being called suspicious chemicals from the New York area by members of a special Army team?" Mr. Bacon replied that a police raid on a house in Queens, New York, had resulted in the finding of a variety of sophisticated scientific equipment and canisters of fluids. Some canisters contained gasoline while others were labeled as containing oxygen; however, one very small canister was hand-labeled "sarin" which is a deadly nerve gas. Following this discovery, the FBI called the Technical Escort Unit (Tech Escort) located at the Edgewood Area of Aberdeen Proving Ground, MD, for assistance. Upon arrival in New York, four people with Tech Escort, a special

military unit established to deal with chemical and biological weapons, tested the canister and discovered it was .83 percent of a liter. Tech Escort packaged the small container in a special container and took it to the Edgewood Area, Aberdeen Proving Ground to be tested. Mr. Bacon went on to say that at the time of the news briefing, the FBI had not reported on the contents of the container. This disclosure would be the responsibility of the FBI since ASD was playing a supporting role to the FBI in this operation. Mr. Bacon pointed out that this was an excellent example of cooperation between federal, state, and local law enforcement agencies. Additionally, he reported that DoD is starting a "First Response Training" in 120 cities around the country to train local authorities to deal with chemical or biological weapons before military people can arrive. Also, it will train the authorities in the use of protective gear and the proper use of detection equipment.

"Ongoing and Recent Activities"

Continued from Page 5

CBIAC STATISTICS

Total CBIAC documents accessible through DTIC DROLS: 8,379

Shared¹: 4,934 Unique²: 3,445

Total document citations available through the CBIAC BD: 47,967

Total Document added to the CBIAC BD during Second Quarter FY97: 484

Total Documents on site: 26,057

Total inquiries received during Second Quarter FY97: 204

Technical: 40
Informational: 34
Bibliographic: 116
Referral: 14

Total TATs awarded since contract initiation: 106

Completed: 30 Ongoing: 76

Total newsletter subscribers: 2,416

1 Existing DTIC records appended with CBIAC terms

2 New DTIC records created by the CBIAC

RECENT ACQUISITIONS

The following acquisitions are presently in the CBIAC collection and may be reviewed at the CBIAC. Further information on how to obtain or review any of the listed acquisitions is included for your convenience. The CBIAC is not authorized to distribute duplicates of the listed acquisitions.



Iran & Iraq: The Threat from the Northern Gulf

by Anthony H. Cordesman
CB-100434

AD-D755316

ISBN 0-8133-2366-5

ISBN 0-8133-2367-3 (paperback)

Westview Press

5500 Central Ave.

Boulder, CO 80301-2877

In this book, the author provides the depth of analysis needed to fully comprehend the military capabilities of these two volatile countries--recently highlighted by the U.S. Secretary of State as the two most serious threats to U.S. interests in the coming decade. The author evaluates their internal political tensions and civil wars, examining the possible future conflicts and a cogent strategy for deterring those conflicts or effectively subduing them.

Sea Dumped Chemical Weapons: Aspects, Problems and Solutions

edited by Alexander V. Kaffka
CB-100435

AD-D755317

ISBN 0-7923-4090-6

Kluwer Academic Publishers

P.O. Box 358, Accord Station

Hingham, MA 02018-0358

<http://www.wkap.nl.com/>

This volume summarizes the materials presented at the NATO Advanced Research Workshop on Sea-Dumped Chemical Munitions, held in Kaliningrad, Russia in January 1995. The conference in Kaliningrad was the first attempt to address this issue on a comprehensive scientific basis.

Proceedings of the Second Chemical and Biological Medical Treatment Symposium: An Exploration of Present Capabilities and Future Requirements

Edited by Barbara Price

CB-100570

AD-D755360

ISSN: 1092-7255

Applied Science and Analysis (ASA)

P. O. Box 17533

Portland, Maine 04112-8533

asa@ime.net

This compilation contains the Proceedings of the Second Chemical and Biological Medical Treatment Symposium (CB MTS II) which was held at the NC-Laboratory, Spiez, Switzerland from July 7-12, 1996. A variety of topics are included.

CBIAC BD on the WWW



The Chemical Biological Information Analysis Center (CBIAC) is pleased to announce that our recently restructured Bibliographic Database (BD) will be accessible via the CBIAC's World Wide Web (WWW) site at

<http://www.cbiac.apgea.army.mil/> beginning June 1, 1997. If you are already a user of the CBIAC BD, we have activated your account on the WWW system. The telnet/dial-in system (the current mode of accessing the CBIAC BD) will still be available for your use through 30 September 1997, at which time we will disable the telnet/dial-in system.

To access the CBIAC BD via the WWW, a frame and encryption capable web browser (i.e., Netscape, Microsoft's Internet Explorer, etc.) will be needed.

We hope that you will find the new database to be more user friendly. If you have any problems or concerns, please feel free to contact, Steven Jones, at telephone: (410) 612-6411 or email: joness@battelle.org.

Chemical and Biological Defense Information Analysis Center



The CBIAC Newsletter is a quarterly publication of the Chemical Warfare/Chemical and Biological Defense Information Analysis Center (CBIAC). The CBIAC is a Department of Defense (DoD) Information Analysis Center (IAC), administratively managed by the Defense Technical Information Center (DTIC) under the DoD IAC Program Office.

Government agencies and private industry under contract to the Department of Defense can contact the CBIAC for informational products and services. The CBIAC services as the center for the acquisition, compilation, analysis and dissemination of information relevant to chemical warfare and chemical and biological defense technology.

The CBIAC is located in Building E3330, Aberdeen Proving Ground - Edgewood Area, Maryland 21010. For further assistance or information, visit or contact the CBIAC Monday through Friday from 8:00 a.m. to 4:00 p.m., EST:

Mailing address: CBIAC
P.O. Box 196
Gunpowder Branch, APG,
MD 21010-0196

Tel: 410-676-9030 Fax: 410-676-9703

E-Mail: cbiac@battelle.org

URL: <http://www.cbiac.apgea.army.mil>

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The Contracting Officer's Technical Representative for the CBIAC is Mr. Joseph Williams. He can be reached through his E-Mail address at jdwillia@cbdcom.army.mil or at the following address:

Technical Director, ERDEC
Attn: SCBRD-RTA (Mr. Joseph Williams)
APG-EA, MD 21010-5423

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